

PROTECTION OF A PORTABLE OBJECT AGAINST DENIAL OF SERVICE TYPE ATTACKS

ABSTRACT

A portable object comprises a memory where at least one credential is stored. The credential is associated with a service and used to verify that the entity requesting a service is an authorized entity for accessing the service. The method for protecting a portable object against denial of service type attacks comprises the steps of : verifying that the entity requesting a service is an authorized entity for accessing the service, based on an algorithm involving the credential, delivering the requested service only when the verification step succeeded, blocking the credential associated with the service after a certain number of verification step failed. When the verification step failed, the method further comprises the steps of waiting during a duration before allowing a new verification step.